



Hydro Hawkesbury Inc.

2019 IRM APPLICATION
EB-2018-0040

Submitted on: August 13, 2018

Hydro Hawkesbury Inc.
850 Tupper St.
Hawkesbury, ON
K6A 3S7



August 13, 2018

Ontario Energy Board P.O.
Box 2319 27th Floor
2300 Yonge Street Toronto,
Ontario M4P 1E4

Attention: Ms. Kirsten Walli, Board Secretary
Regarding: 2019 IRM Application (EB-2018-0040)

Dear Ms. Walli,

Hydro Hawkesbury Inc. is pleased to submit to the Ontario Energy Board its 2019 IRM Application. This application is being filed pursuant to the Board's e-Filing Services.

Hard copies of the application will be sent to the OEB's offices via within a week.

We would be pleased to provide any further information or details that you may require relative to this application.

Yours truly,

[original signed]

Michel Poulin, General Manager
Hydro Hawkesbury
850 Tupper Street
(613) 632-6689

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IN THE MATTER OF the Ontario Energy Board Act, 1998, S.O.

1998, c.15, (Schedule B); **AND IN THE MATTER OF** an

Application by Hydro Hawkesbury Inc. to the Ontario Energy Board for an Order or Orders approving or fixing just and reasonable distribution rates and other service charges to be effective January 1, 2019.

1 INTRODUCTION

Hydro Hawkesbury Inc. hereby applies to the Ontario Energy Board (the "Board") for approval of its 2019 Distribution Rate Adjustments effective January 1, 2019. Hydro Hawkesbury applies for an Order or Orders approving the proposed distribution rates and other charges as set out in Appendix 2 of this Application as just and reasonable rates and charges pursuant to Section 78 of the OEB Act.

Hydro Hawkesbury has followed Chapter 3 of the Board's Filing Requirements for Transmission and Distribution Applications dated July 12, 2018 along with the Key References listed at section 3.1.1 of the Chapter 3 Incentive Rate-Setting Applications

In the event that the Board is unable to provide a Decision and Order in this Application for implementation by the Applicant as of January 1, 2019, Hydro Hawkesbury requests that the Board issue an Interim Rate Order declaring the current Distribution Rates and Specific Service Charges as interim until the decided implementation date of the approved 2019 distribution rates. If the effective date does not coincide with the Board's determined implementation date for 2019 distribution rates and charges, Hydro Hawkesbury requests to be permitted to recover the incremental revenue from the effective date to the implementation date.

Hydro Hawkesbury requests that this application be disposed of by way of a written hearing. Hydro Hawkesbury confirms that the billing determinants used in the model are

1 from most recent reported RRR filings. The utility reviewed both the existing “Tariff
2 Sheets” and billing determinants in the pre-populated worksheets and confirms that they
3 were accurate.

4 In the preparation of this application, Hydro Hawkesbury used the 2019 IRM Rate
5 Generator issued on July 12, 2018. The rate and other adjustments being applied for and
6 as calculated through the use of the above models include a Price Cap Incentive Rate-
7 Setting (“Price Cap IR”) option to adjust its 2019 rates. (The Price Cap IR methodology
8 provides for a mechanistic and formulaic adjustment to distribution rates and charges in
9 the period between Cost of Service applications). The model also adjusts Retail
10 Transmission Service Rates in accordance with Board Guideline G-2008-0001 -
11 Electricity Distribution Retail Transmission Service Rates revised on June 28, 2012.

12 Hydro Hawkesbury also applies for the following matter;

- 13 • Continuance of the Specific Services charges and Loss Factors.
- 14 • Continuance of the MicroFit monthly charge.
- 15 • Continuance of the Smart Meter Entity charge.
- 16 • In compliance of the OEB’s new rate design policy for residential customers,
17 Hydro Hawkesbury requests approval of a revised Minimum Fixed Charge of
18 \$17.50 up from previously Board Approved \$15.15 and Volumetric Charge of
19 \$0.0000 down from previously Board Approved \$0.0027. The proposed rates
20 would complete the transition to a fully fixed residential rate. Further details on
21 Bill Impacts are presented at Section 16 of this application.

22

1 The annual adjustment mechanism is not being applied to the following components of
2 delivery rates:

- 3 • Rate Adders, Rate Riders, Low Voltage Service Charges, Retail Transmission
4 Service Rates, Wholesale Market Service Rate, Rural and Remote Rate
5 Protection Benefit and Charge, Standard Supply Service – Administrative
6 Charge, MicroFIT Service Charge, Specific Service Charges, Transformation and
7 Primary Metering Allowances, Smart Metering Entity Charge

8 HHI recognizes that the utility, its shareholder and all its customer classes will be
9 affected by the outcome of the herein application.

10

2 DISTRIBUTOR'S PROFILE

Hydro Hawkesbury is a municipally owned utility which services and carries on the business of distributing electricity within the Town of Hawkesbury. Hydro Hawkesbury's customers totals approximately 4836 and is comprised of over 92% residential customers while 8% are small business or industrial based. The balance of the utility's customer base is comprised of Street Lights, Sentinel and Unmetered Scattered Load

Hydro Hawkesbury relies on approximately 66 km of circuits deliver approximately 185M kWh of energy and 300,000 kW of power to approximately 5,500 customers. The circuits can be broken down into roughly 57 km of overhead lines and 9 km of underground conductor. The distribution system is comprised of 43 km of 3-phases circuits and 23 km of single phase circuits.

Hydro Hawkesbury's last Cost of Service application was for rates effective January 1, 2018.

13

3 PUBLICATION NOTICE

It is HHI's understanding that the Ontario Energy Board will make arrangements to publish the notice of Application however, if the OEB is unable to do so, the utility proposes that its notice related to this Application appears in the following publications;

Le Carillon, 1100 Aberdeen, Hawkesbury, ON

And/or

Le Régional, 124 Main St. East, Hawkesbury, ON

The primary contact for the herein application is;

Michel Poulin

General Manager

Hydro Hawkesbury Inc.

850 Tupper St.

Hawkesbury, ON

K6A 3S7

Tel: 613-632-6689

The alternate contact for the application is;

Manuela Ris-Schofield

Tandem Energy Services Inc.

Tel: 519-856-0080

Mobile: 416-562-9295

4 PRICE CAP ADJUSTMENT

As per Board policy (Chapter 3), distribution rates are to be adjusted according to the Price Cap model presented through the Board's Rate Generator model. The calculation would be based on the annual percentage change in the GDP-IPI index.

In accordance with the Report of the Board: Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario's Electricity Distributors, Hydro Hawkesbury was assigned Stretch Factor Group II with a Price Escalator of 1.20, Price Cap Index of 1.20% and a Stretch Factor Value of 0.10%.

The following table shows Hydro Hawkesbury's applicable factor for its Price Cap Adjustment.

Table 1 - Price Cap Parameters

Stretch Factor Group	I
Set Price Escalator	1.20%
Revised Price Escalator	0.00%
Stretch Factor Value	0.00%
Productivity Factor	0.00%
Price Cap Index	1.20%

While the price factor adjustment under this application would apply to the fixed and volumetric distribution rates for Hydro Hawkesbury, it would not affect the following:

- Rate adders and riders; Low voltage service charges; Retail Transmission Service Rates; Wholesale Market Service Rate; Rural Rate Protection Charge; Standard Supply Service – Administrative Charge; MicroFIT Service Charge; Specific Service Charges.

5 REVENUE TO COST RATIO ADJUSTMENT

Hydro Hawkesbury is not proposing to adjust its revenue to cost ratios in this proceeding as its revenue to cost ratios were recently adjusted and set as part of the 2015 Cost of Service Application.

6 RATE DESIGN FOR RESIDENTIAL CLASS

In accordance with the Rate Design for Residential Electricity policy issued on April 2, 2015, Hydro Hawkesbury followed the approach set out in sheet 16 of the rate generator model to implement the second of four yearly adjustment to its Monthly Fixed Charge. Worksheet 16 of the model, which is reproduced below, shows and incremental fixed charge of \$2.35 which falls below the \$4.00 threshold. Table 2 show the existing rates compared to the proposed rates. The bill impacts are discussed further at Section 15 of this application.

Table 2 - Revenue To Cost Ratio Adjustment

Rate Design Transition		Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	15.1500	879,185	86.6%	13.4%	2.35	100.0%	17.50	1,015,560
Current Residential Variable Rate (inclusive of R/C adj.)	0.0027	136,228	13.4%			0.0%	0.0000	0
		1,015,413						1,015,560

Table 3 - Current vs Proposed Distribution Rates

Rate Class	Current MFC	Current Volumetric Charge	Proposed MFC	Proposed Volumetric Charge
Residential	15.15	0.0027	17.71	0.0000
GS<50 kW	15.47	0.0071	15.66	0.0072
GS>50 kW	100.99	2.1023	102.20	2.1275
USL	7.12	0.0042	7.21	0.0043
Sentinel Lights	1.66	3.8961	1.68	3.9429

Street Lighting	0.59	6.402	0.60	6.4788
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7 RTSR ADJUSTMENT

Hydro Hawkesbury is applying for an adjustment of its Retail Transmission Service Rates based on a comparison of historical transmission costs adjusted for new UTR levels and revenues generated from existing RTSRs. This approach is expected to minimize variances in the USoA Accounts 1584 and 1586.

Hydro Hawkesbury used the RTSR Adjustment Worksheets embedded in the IRM Model, to determine the proposed adjustments to the current Retail Transmission Service Rates.

The Loss Factor applied to the metered kWh is the actual Board-approved 2018 Loss Factor.

The proposed adjustments of the Retail Transmission Service Rates are shown in the table below and the detailed calculations can be found in the 2019 IRM Model filed in conjunction with this application.

Table 4 - Proposed RTSR

Retail Transmission Rate - Network Service Rate			
Rate Description	Unit	Current RTSR- Network	Proposed RTSR- Network
Residential	\$/kWh	0.0074	0.0068
GS < 50 kW	\$/kWh	0.0068	0.0062
GS > 50 kW	\$/kWh	2.7786	2.5516
USL	\$/kW	0.0068	0.0062
Sentinel Lights	\$/kWh	2.0963	1.9250
Street Lighting	\$/kW	2.0957	1.9245

13

Retail Transmission Rate - Line and Transformation Connection Service Rate			
Rate Description	Unit	Current RTSR- Connection	Proposed RTSR- Connection
Residential	\$/kWh	0.0041	0.0038
GS < 50 kW	\$/kWh	0.0036	0.0033
GS > 50 kW	\$/kWh	1.4736	1.3674
USL	\$/kW	0.0036	0.0033
Sentinel Lights	\$/kWh	2.3260	2.1583

Street Lighting	\$/kW	1.1391	1.0570
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8 DEFERRAL AND VARIANCE ACCOUNT

3 Hydro Hawkesbury has completed the Board Staff’s 2019 IRM Rate Generator – Tab 3
 4 Continuity Schedule and the threshold test shows a claim per kWh of \$0.0010. The Report
 5 of the Board on Electricity Distributors’ Deferral and Variance Account Review Report
 6 (the “EDDVAR Report”) provides that during the IRM plan term, the distributor’s Group 1
 7 audited account balances will be reviewed and disposed if the preset disposition
 8 threshold of \$0.001 per kWh (debit or credit) is exceeded. Since the threshold was met
 9 Hydro Hawkesbury is therefore seeking disposal of its deferral and variance account in
 10 this proceeding. The Hydro Hawkesbury Group 1 total claim balance is \$138,231 and is
 11 comprised of the following account balances. Details of these balances can be found in
 12 the 2019 IRM Model.

13

Table 5 - Deferral and Variance Account balances

Group 1 Accounts		
LV Variance Account	1550	66,435
Smart Metering Entity Charge Variance Account	1551	(298)
RSVA - Wholesale Market Service Charge ⁵	1580	(134,209)
Variance WMS – Sub-account CBR Class A5	1580	0
Variance WMS – Sub-account CBR Class B5	1580	40,623
RSVA - Retail Transmission Network Charge	1584	(179,847)
RSVA - Retail Transmission Connection Charge	1586	(85,526)
RSVA - Power ⁴	1588	361,015
RSVA - Global Adjustment ⁴	1589	(206,424)
Disposition and Recovery/Refund of Regulatory Balances (2012) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0
Group 1 Sub-Total (including Account 1589 - Global Adjustment)		\$138,231

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9 SPECIFIC SERVICE CHARGE

Hydro Hawkesbury is applying to continue the current Specific Service Charges, and Loss Factors as approved by the Board (EB-2017-0048).

10 GLOBAL ADJUSTMENT

Hydro Hawkesbury 'settlement process has not changed since it completed the OEB's Global Adjustment questionnaire. HHI's process can be summarized as follows.

Hydro Hawkesbury's 'settlement process has not changed since it completed the OEB's Global Adjustment questionnaire. HHI's process can be summarized as follows.

For its Class B customers, HHI reviews the general service accounts not eligible on a bi-monthly basis to determine which customers are eligible for the RPP. Any billing adjustments are done as part of the next billing period.

HHI uses Global adjustment 1st estimate rate posted on the IESO website, consistently for all billing purposes for the settlement month. The variance recorded and reflected in RSVA GA 1589 on a quarterly basis however, HHI tracks the variances in a spreadsheet on a monthly basis. When completing RPP vs. market price claim submitted via the IESO Portal, HHI uses a bottom up approach.

The utility pulls out the RPP revenues for the month, divide that amount by the fixed OEB power rate to determine the kWh. With the total amount of kWh's sold obtained, HHI then multiplies the amount with the estimated power rate and that results in the amount of dollars claimed/paid from/to IESO. HHI trues-up on a monthly basis upon receipt of the power bills from IESO and Hydro One. The difference

1 *between estimates and actuals, whether a payment or a claim is settled*
2 *in the following month.*

3 *In terms of Control and Oversight, HHI follows a substantive approach*
4 *using reconciliation procedures to ensure accuracy and completeness for*
5 *the settlement submission process where possible. In addition, HHI does*
6 *monthly bill testing for each class of customer, recalculates the various*
7 *charges based on approved rates and ensure all correct GL accounts are*
8 *used. HHI also has routine month end balancing processes to ensure sub*
9 *ledger.*

10 *HHI does have 1 Class A customers. Having only 1 Class A customer,*
11 *HHI through the settlement process on the IESO portal provides the exact*
12 *consumption for the upcoming billing period. Upon receipt of the IESO*
13 *power invoice, HHI applies the exact amount from charge 147 on the*
14 *IESO'S invoice on the customer's account. The results is a zero variance.*

15 HHI's General Manager certifies that the information is processed, to the best of his
16 understanding, in accordance with the OEB's policies and filing requirements.

17 HHI notes that it has complete the GA work form in accordance with the filing requirements. The
18 work form has been filed along with this application.

19

1 **11 DISPOSITION OF LRAMVA**

2 In accordance with the Board's Guidelines for Electricity Distributor Conservation and
3 Demand Management (EB-2012-0003) issued on April 26, 2012, at a minimum,
4 distributors must apply for disposition of the balance in the LRAMVA at the time of their
5 Cost of Service rate applications if the balance is deemed significant by the applicant.

6 Hydro Hawkesbury has populated the LRAMVA work form and found the balance not to
7 be significant enough to include in its claim as the utility filed a 2018 Cost of Service
8 application. HHI proposes to explore the possibility of disposing of its LRAMVA balances
9 in its next IRM application in 2020.

10 **12 TAX CHANGE**

11 Hydro Hawkesbury has completed worksheets 8 of the IRM model which resulted in a tax
12 change of \$-1004 from the tax rates embedded in its OEB 2018 Board Approved base
13 rate. Since the amount is marginal, HHI proposes to transfer the entire 50/50 sharing
14 amount to Account 1595 for disposition at a future date.

15 **13 ICM/Z-FACTOR**

16 Hydro Hawkesbury is not applying for recovery of Incremental Capital or Z-Factor in this
17 proceeding.

18 **14 CURRENT TARIFF SHEET**

19 Hydro Hawkesbury current tariff sheets are provided in Appendix 1.

20

15 PROPOSED TARIFF SHEET

The proposed tariff sheets generated by the 2019 IRM Rate Generator are provided in the Appendix 2.

16 BILL IMPACT

The table below shows the bill impacts. The bill impacts are calculated based on the dollar change in Sub-Total C – Delivery divided by total bill before tax and before OCEB at current rates. The 10% percentile was calculated in the following manner

- 1) The utility produced a report for its 2018 Cost of Service application which included Residential Customer Number and their Monthly Consumptions.
- 2) The report was then sorted by lowest to highest consumption.
- 3) Less than 50kWh monthly consumption was removed from the file.
- 4) The utility then calculate the 10th percentile by taking 10% of the customer count (or number of records in the report) , (e.g. 2120 customer = 212)
- 5) The utility then established that the record in questions produced a consumption of 313 kWh/month which in turn became the “ceiling” for the lowest 10th percentile.
- 6) The file used to calculate the 10th percentile is attached for your review.

The total residential bill impact for the 10th percentile level of 313 kWh is 5.3%. The residential bill impact for the standard 750kWh is -0.2%. Detailed bill impacts for each rate class are provided in the Appendix 3

With the exception of the GS<50 which uses the typical 2000 kWh/month, the other classes were calculated using a rounded monthly average consumption.

1

Table 6 – Summary of Bill Impacts

RATE CLASSES / CATEGORIES (eg: Residential TOU, Residential Retailer)	Units	Sub-Total						Total	
		A		B		C		Total Bill	
		\$	%	\$	%	\$	%	\$	%
Residential	kWh	\$0.54	-13.4%	\$0.54	-20.2%	-\$0.18	-2.7%	-\$0.19	-0.2%
GS<50 kW	kWh	\$0.39	1.2%	\$0.39	1.2%	-\$1.51	-2.7%	-\$1.58	-0.7%
GS>50 kW	kW	\$7.26	1.7%	\$7.26	3.5%	-\$72.71	-5.9%	-\$82.16	-1.8%
USL	kWh	\$0.55	2.8%	\$0.55	1.8%	-\$3.81	-4.7%	-\$4.31	-0.6%
Sentinel Lights	kW	\$7.48	1.6%	\$7.48	2.1%	-\$38.62	-4.0%	-\$43.64	-4.0%
Residential	kWh	\$1,163.97	1.4%	\$1,163.97	1.8%	-\$2,841.08	-2.5%	-\$3,210.42	-2.4%
Residential	kWh	\$0.54	-13.4%	\$0.54	37.9%	-\$0.18	-1.7%	-\$0.20	-0.2%
Residential	kWh	\$1.71	-33.4%	\$1.71	-40.4%	\$1.42	-316.6%	\$1.49	5.3%

2

3 **17 CERTIFICATION OF EVIDENCE**

4 As General Manager of Hydro Hawkesbury Inc. I certify that, to the best of my knowledge,
5 the evidence filed in the herein Incentive Rate-Setting Application is accurate, complete,
6 and consistent with the requirements of the Chapter 3 Filing Requirements for Electricity
7 Distribution Rate Applications as revised on July 12, 2018. I also confirm that internal
8 controls and processes are in place for the preparation, review, verification and oversight
9 of any account balances that are being requested for disposal.

10

11 Respectfully submitted,

12 *Original Signed by:*

13 Michel Poulin

14 Hydro Hawkesbury Inc.

15 850 Tupper St.

16 Hawkesbury, ON

17 K6A 3S7

1

2 **APPENDICES**

3

Appendix 1	Current Tariff Sheet
Appendix 2	Proposed Tariff Sheet
Appendix 3	Bill Impacts
Appendix 4	2018 RRWF

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1

Appendix 1 2018 Current Tariff Sheet

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0048

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	15.15
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$	0.26
Rate Rider for Disposition of Station Refund - effective until March 31, 2018	\$	(21.60)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$	0.24
Distribution Volumetric Rate	\$/kWh	0.0027
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018)		
effective until February 28, 2019	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0041

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0048

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	15.47
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0071
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kWh	0.0003
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kWh	(0.0018)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kWh	0.0021
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0048

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant

The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	100.99
Distribution Volumetric Rate	\$/kW	2.1023
Low Voltage Service Rate	\$/kW	0.5184
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.3106
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(3.1528)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1144
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(0.7508)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kW	(0.1052)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kW	0.0111
Retail Transmission Rate - Network Service Rate	\$/kW	2.7786
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4736

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2017-0048

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	7.12
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$	0.10
Distribution Volumetric Rate	\$/kWh	0.0042
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kWh	0.0003
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kWh	(0.0018)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kWh	(0.0001)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0036

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
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EB-2017-0048

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.66
Distribution Volumetric Rate	\$/kW	3.8961
Low Voltage Service Rate	\$/kW	0.8183
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.2037
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(2.8958)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1051
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(1.1852)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kW	(0.2210)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kW	0.1204
Retail Transmission Rate - Network Service Rate	\$/kW	2.0963
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3260

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
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EB-2017-0048

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.59
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$	0.01
Distribution Volumetric Rate	\$/kW	6.4020
Low Voltage Service Rate	\$/kW	0.4007
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.1885
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(2.8592)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1038
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(0.5804)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kW	(0.5824)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kW	0.0874
Retail Transmission Rate - Network Service Rate	\$/kW	2.0957
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.1391

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
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EB-2017-0048

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	40.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-payment of account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	15.00
Disconnect/reconnect at meter - during regular hours	\$	30.00
Disconnect/reconnect at meter - after regular hours	\$	165.00
Disconnect/reconnect at pole - during regular hours	\$	100.00
Disconnect/reconnect at pole - after regular hours	\$	300.00
Install/remove load control device - during regular hours	\$	30.00
Install/remove load control device - after regular hours	\$	165.00

Other

Service call - after regular hours	\$	165.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35

Hydro Hawkesbury Inc.
TARIFF OF RATES AND CHARGES
Effective Date January 1, 2018
Implementation Date March 1, 2018
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EB-2017-0048

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0509
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0410

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Appendix 2 2019 Proposed Tariff Sheet

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to customers residing in residential dwelling units. Energy is generally supplied as single phase, 3-wire, 60-Hertz, having nominal voltage of 120/240 Volts and up to 400 amps. There shall be only one delivery point to a dwelling. The Basic Connection for Residential consumers is defined as 100 amp 120/240 volt overhead service. A Residential building is supplied at one service voltage per land parcel. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	17.71
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$	0.26
	\$	
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$	0.24
Low Voltage Service Rate	\$/kWh	0.0014
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0068
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0038

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to a non residential account whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW, and Town Houses and Condominiums that require centralized bulk metering. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	15.66
Smart Metering Entity Charge - effective until December 31, 2022	\$	0.57
Distribution Volumetric Rate	\$/kWh	0.0072
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kWh	0.0003
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kWh	(0.0018)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kWh	0.0021
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kWh	0.0002
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

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GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non residential account whose average monthly maximum demand used for billing purposes is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Note that for the application of the Retail Transmission Rate - Network Service Rate and the Retail Transmission Rate - Line and Transformation Connection Service Rate the following sub-classifications apply:

General Service 50 to 500 kW non-interval metered

General Service 50 to 500 kW interval metered

General Service greater than 500 to 5,000 kW interval metered. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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The rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	102.20
Distribution Volumetric Rate	\$/kW	2.1275
Low Voltage Service Rate	\$/kW	0.5184
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019		
Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.3106
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019		
Applicable only for Non-Wholesale Market Participants	\$/kW	(3.1528)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1144
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(0.7508)

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kW	(0.1052)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kW	0.0111
Retail Transmission Rate - Network Service Rate	\$/kW	2.5516
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.3674

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Such connections include cable TV power packs, bus shelters, telephone booths, traffic lights, railway crossings, etc. The level of the consumption will be agreed to by the distributor and the customer, based on detailed manufacturer information/ documentation with regard to electrical consumption of the unmetered load or periodic monitoring of actual consumption. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per customer)	\$	7.21
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$	0.10
Distribution Volumetric Rate	\$/kWh	0.0043
Low Voltage Service Rate	\$/kWh	0.0013
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kWh	(0.0082)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kWh	0.0003
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kWh	(0.0018)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kWh	(0.0001)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0062
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0033

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to privately owned roadway lighting controlled by photo cells. Consumption is based on calculated connected load times the required lighting hours. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	1.68
Distribution Volumetric Rate	\$/kW	3.9429
Low Voltage Service Rate	\$/kW	0.8183
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.2037
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(2.8958)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1051
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(1.1852)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kW	(0.2210)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kW	0.1204
Retail Transmission Rate - Network Service Rate	\$/kW	1.9250
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1583

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to municipal lighting, Ministry of Transportation operation controlled by photo cells. Consumption is as per Ontario Energy Board street lighting load shape. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	0.60
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$	0.01
Distribution Volumetric Rate	\$/kW	6.4788
Low Voltage Service Rate	\$/kW	0.4007
Rate Rider for Disposition of Global Adjustment Account (2018) - effective until February 28, 2019 Applicable only for Non-RPP Customers	\$/kWh	0.0039
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019	\$/kW	1.1885
Rate Rider for Disposition of Deferral/Variance Accounts (2018) - effective until February 28, 2019 Applicable only for Non-Wholesale Market Participants	\$/kW	(2.8592)
Rate Rider for Disposition of Group 2 Deferral/Variance Accounts - effective until February 28, 2019	\$/kW	0.1038
Rate Rider for Disposition of Station Refund - effective until February 28, 2019	\$/kW	(0.5804)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2018) effective until February 28, 2019	\$/kW	(0.5824)
Rate Rider for Recovery of Foregone Revenue - effective until December 31, 2018	\$/kW	0.0874
Retail Transmission Rate - Network Service Rate	\$/kW	1.9245
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.0570

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0032
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0003
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	10.00
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ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.60)
Primary Metering Allowance for transformer losses - applied to measured demand and energy	%	(1.00)

SPECIFIC SERVICE CHARGES

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Duplicate invoices for previous billing	\$	15.00
Credit reference/credit check (plus credit agency costs)	\$	15.00
Returned cheque (plus bank charges)	\$	20.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	40.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

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Non-payment of account

Late payment - per month	%	1.50
Late payment - per annum	%	19.56
Collection of account charge - no disconnection	\$	15.00
Disconnect/reconnect at meter - during regular hours	\$	30.00
Disconnect/reconnect at meter - after regular hours	\$	165.00
Disconnect/reconnect at pole - during regular hours	\$	100.00
Disconnect/reconnect at pole - after regular hours	\$	300.00
Install/remove load control device - during regular hours	\$	30.00
Install/remove load control device - after regular hours	\$	165.00

Other

Service call - after regular hours	\$	165.00
Temporary service - install & remove - overhead - no transformer	\$	500.00
Temporary service - install & remove - overhead - with transformer	\$	1,000.00
Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	22.35

RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable.

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly Fixed Charge, per retailer	\$	20.00
Monthly Variable Charge, per customer, per retailer	\$/cust.	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

Hydro Hawkesbury Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW

1.0509

Total Loss Factor - Primary Metered Customer < 5,000 kW

1.0410

Appendix 3 Bill Impacts

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0541	
Proposed/Approved Loss Factor	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.15	1	\$ 15.15	\$ 17.71	1	\$ 17.71	\$ 2.56	16.90%
Distribution Volumetric Rate	\$ 0.0027	750	\$ 2.03	\$ -	750	\$ -	\$ (2.03)	-100.00%
Fixed Rate Riders	\$ (21.10)	1	\$ (21.10)	\$ (21.10)	1	\$ (21.10)	\$ -	0.00%
Volumetric Rate Riders	-\$ 0.0001	750	\$ (0.08)	-\$ 0.0001	750	\$ (0.08)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ (4.00)			\$ (3.47)	\$ 0.54	-13.38%
Line Losses on Cost of Power	\$ 0.0820	41	\$ 3.33	\$ 0.0820	41	\$ 3.33	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0048	750	\$ (3.60)	-\$ 0.0048	750	\$ (3.60)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0014	750	\$ 1.05	\$ 0.0014	750	\$ 1.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ (2.65)			\$ (2.12)	\$ 0.54	-20.16%
RTSR - Network	\$ 0.0074	791	\$ 5.85	\$ 0.0068	791	\$ 5.38	\$ (0.47)	-8.11%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0041	791	\$ 3.24	\$ 0.0038	791	\$ 3.00	\$ (0.24)	-7.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 6.44			\$ 6.26	\$ (0.18)	-2.74%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	791	\$ 2.85	\$ 0.0036	791	\$ 2.85	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	791	\$ 0.24	\$ 0.0003	791	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	488	\$ 31.69	\$ 0.0650	488	\$ 31.69	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	128	\$ 11.99	\$ 0.0940	128	\$ 11.99	\$ -	0.00%
TOU - On Peak	\$ 0.1320	135	\$ 17.82	\$ 0.1320	135	\$ 17.82	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 71.26			\$ 71.09	\$ (0.18)	-0.25%
HST	13%		\$ 9.26	13%		\$ 9.24	\$ (0.02)	-0.25%
8% Rebate	8%		\$ (5.70)	8%		\$ (5.69)	\$ 0.01	
Total Bill on TOU			\$ 74.83			\$ 74.64	\$ (0.19)	-0.25%

Customer Class:	GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	2,000	kWh
Demand	-	kW
Current Loss Factor	1.0541	
Proposed/Approved Loss Factor	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.47	1	\$ 15.47	\$ 15.66	1	\$ 15.66	\$ 0.19	1.23%
Distribution Volumetric Rate	\$ 0.0071	2000	\$ 14.20	\$ 0.0072	2000	\$ 14.40	\$ 0.20	1.41%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.0008	2000	\$ 1.60	\$ 0.0008	2000	\$ 1.60	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 31.27			\$ 31.66	\$ 0.39	1.25%
Line Losses on Cost of Power	\$ 0.0820	108	\$ 8.87	\$ 0.0820	108	\$ 8.87	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0048	2,000	\$ (9.60)	-\$ 0.0048	2,000	\$ (9.60)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
GA Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0013	2,000	\$ 2.60	\$ 0.0013	2,000	\$ 2.60	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	2,000	\$ -	\$ -	2,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 33.71			\$ 34.10	\$ 0.39	1.16%
RTSR - Network	\$ 0.0068	2,108	\$ 14.34	\$ 0.0062	2,108	\$ 13.07	\$ (1.26)	-8.82%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	2,108	\$ 7.59	\$ 0.0033	2,108	\$ 6.96	\$ (0.63)	-8.33%
Sub-Total C - Delivery (including Sub-Total B)			\$ 55.64			\$ 54.13	\$ (1.51)	-2.71%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	2,108	\$ 7.59	\$ 0.0036	2,108	\$ 7.59	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	2,108	\$ 0.63	\$ 0.0003	2,108	\$ 0.63	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	1,300	\$ 84.50	\$ 0.0650	1,300	\$ 84.50	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	340	\$ 31.96	\$ 0.0940	340	\$ 31.96	\$ -	0.00%
TOU - On Peak	\$ 0.1320	360	\$ 47.52	\$ 0.1320	360	\$ 47.52	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 228.09			\$ 226.58	\$ (1.51)	-0.66%
HST	13%		\$ 29.65	13%		\$ 29.46	\$ (0.20)	-0.66%
8% Rebate	8%		\$ (18.25)	8%		\$ (18.13)	\$ 0.12	-
Total Bill on TOU			\$ 239.49			\$ 237.91	\$ (1.58)	-0.66%

Customer Class:	GENERAL SERVICE 50 to 4,999 kW SERVICE CLASSIFICATION
RPP / Non-RPP:	Non-RPP (Other)
Consumption	24,000 kWh
Demand	240 kW
Current Loss Factor	1.0541
Proposed/Approved Loss Factor	1.0541

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 100.99	1	\$ 100.99	\$ 102.20	1	\$ 102.20	\$ 1.21	1.20%
Distribution Volumetric Rate	\$ 2.1023	240	\$ 504.55	\$ 2.1275	240	\$ 510.60	\$ 6.05	1.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 0.7305	240	\$ (175.32)	\$ 0.7305	240	\$ (175.32)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 430.22			\$ 437.48	\$ 7.26	1.69%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 1.8422	240	\$ (442.13)	\$ 1.8422	240	\$ (442.13)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	240	\$ -	\$ -	240	\$ -	\$ -	-
GA Rate Riders	\$ 0.0039	24,000	\$ 93.60	\$ 0.0039	24,000	\$ 93.60	\$ -	0.00%
Low Voltage Service Charge	\$ 0.5184	240	\$ 124.42	\$ 0.5184	240	\$ 124.42	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	240	\$ -	\$ -	240	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 206.11			\$ 213.37	\$ 7.26	3.52%
RTSR - Network	\$ 2.7786	240	\$ 666.86	\$ 2.5516	240	\$ 612.38	\$ (54.48)	-8.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.4736	240	\$ 353.66	\$ 1.3674	240	\$ 328.18	\$ (25.49)	-7.21%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1,226.64			\$ 1,153.93	\$ (72.71)	-5.93%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	25,298	\$ 91.07	\$ 0.0036	25,298	\$ 91.07	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	25,298	\$ 7.59	\$ 0.0003	25,298	\$ 7.59	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	25,298	\$ 2,785.35	\$ 0.1101	25,298	\$ 2,785.35	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 4,110.91			\$ 4,038.20	\$ (72.71)	-1.77%
HST		13%	\$ 534.42	13%		\$ 524.97	\$ (9.45)	-1.77%
Total Bill on Average IESO Wholesale Market Price			\$ 4,645.32			\$ 4,563.16	\$ (82.16)	-1.77%

Customer Class:	UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	4,600	kWh
Demand	-	kW
Current Loss Factor	1.0541	
Proposed/Approved Loss Factor	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 7.12	1	\$ 7.12	\$ 7.21	1	\$ 7.21	\$ 0.09	1.26%
Distribution Volumetric Rate	\$ 0.0042	4600	\$ 19.32	\$ 0.0043	4600	\$ 19.78	\$ 0.46	2.38%
Fixed Rate Riders	\$ 0.10	1	\$ 0.10	\$ 0.10	1	\$ 0.10	\$ -	0.00%
Volumetric Rate Riders	\$ 0.0015	4600	\$ (6.90)	\$ 0.0015	4600	\$ (6.90)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 19.64			\$ 20.19	\$ 0.55	2.80%
Line Losses on Cost of Power	\$ 0.1101	249	\$ 27.40	\$ 0.1101	249	\$ 27.40	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 0.0048	4,600	\$ (22.08)	\$ 0.0048	4,600	\$ (22.08)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	4,600	\$ -	\$ -	4,600	\$ -	\$ -	-
GA Rate Riders	\$ -	4,600	\$ -	\$ -	4,600	\$ -	\$ -	-
Low Voltage Service Charge	\$ 0.0013	4,600	\$ 5.98	\$ 0.0013	4,600	\$ 5.98	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	4,600	\$ -	\$ -	4,600	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 30.94			\$ 31.49	\$ 0.55	1.78%
RTSR - Network	\$ 0.0068	4,849	\$ 32.97	\$ 0.0062	4,849	\$ 30.06	\$ (2.91)	-8.82%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0036	4,849	\$ 17.46	\$ 0.0033	4,849	\$ 16.00	\$ (1.45)	-8.33%
Sub-Total C - Delivery (including Sub-Total B)			\$ 81.37			\$ 77.55	\$ (3.81)	-4.69%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	4,849	\$ 17.46	\$ 0.0036	4,849	\$ 17.46	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	4,849	\$ 1.45	\$ 0.0003	4,849	\$ 1.45	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	4,600	\$ 506.46	\$ 0.1101	4,600	\$ 506.46	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 606.99			\$ 603.17	\$ (3.81)	-0.63%
HST	13%		\$ 78.91	13%		\$ 78.41	\$ (0.50)	-0.63%
Total Bill on Average IESO Wholesale Market Price			\$ 685.90			\$ 681.59	\$ (4.31)	-0.63%

Customer Class:	SENTINEL LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	129	kWh
Demand	-	kW
Current Loss Factor	1.0541	
Proposed/Approved Loss Factor	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 1.66	72	\$ 119.52	\$ 1.68	72	\$ 120.96	\$ 1.44	1.20%
Distribution Volumetric Rate	\$ 3.8961	129	\$ 502.60	\$ 3.9429	129	\$ 508.63	\$ 6.04	1.20%
Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Volumetric Rate Riders	\$ 1.1807	129	\$ (152.31)	\$ 1.1807	129	\$ (152.31)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 469.81			\$ 477.28	\$ 7.48	1.59%
Line Losses on Cost of Power	\$ 0.1101	7	\$ 0.77	\$ 0.1101	7	\$ 0.77	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	\$ 1.6921	129	\$ (218.28)	\$ 1.6921	129	\$ (218.28)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	129	\$ -	\$ -	129	\$ -	\$ -	-
GA Rate Riders	\$ 0.0039	129	\$ 0.50	\$ 0.0039	129	\$ 0.50	\$ -	0.00%
Low Voltage Service Charge	\$ 0.8183	129	\$ 105.56	\$ 0.8183	129	\$ 105.56	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	129	\$ -	\$ -	129	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 358.36			\$ 365.84	\$ 7.48	2.09%
RTSR - Network	\$ 2.0963	136	\$ 285.05	\$ 1.9250	136	\$ 261.76	\$ (23.29)	-8.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 2.3260	136	\$ 316.29	\$ 2.1583	136	\$ 293.48	\$ (22.80)	-7.21%
Sub-Total C - Delivery (including Sub-Total B)			\$ 959.70			\$ 921.08	\$ (38.62)	-4.02%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	136	\$ 0.49	\$ 0.0036	136	\$ 0.49	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	136	\$ 0.04	\$ 0.0003	136	\$ 0.04	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	129	\$ 14.20	\$ 0.1101	129	\$ 14.20	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 974.68			\$ 936.06	\$ (38.62)	-3.96%
HST		13%	\$ 126.71		13%	\$ 121.69	\$ (5.02)	-3.96%
Total Bill on Average IESO Wholesale Market Price			\$ 1,101.39			\$ 1,057.75	\$ (43.64)	-3.96%

Customer Class:	STREET LIGHTING SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Other)	
Consumption	15,000	kWh
Demand	-	kW
Current Loss Factor	1.0541	
Proposed/Approved Loss Factor	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 0.59	1197	\$ 706.23	\$ 0.60	1197	\$ 718.20	\$ 11.97	1.69%
Distribution Volumetric Rate	\$ 6.4020	15000	\$ 96,030.00	\$ 6.4788	15000	\$ 97,182.00	\$ 1,152.00	1.20%
Fixed Rate Riders	\$ 0.01	1	\$ 0.01	\$ 0.01	1	\$ 0.01	\$ -	0.00%
Volumetric Rate Riders	\$ 0.9716	15000	\$ (14,574.00)	\$ 0.9716	15000	\$ (14,574.00)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ 82,162.24			\$ 83,326.21	\$ 1,163.97	1.42%
Line Losses on Cost of Power	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-
Total Deferral/Variance Account Rate Riders	\$ 1.6707	15,000	\$ (25,060.50)	\$ 1.6707	15,000	\$ (25,060.50)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	15,000	\$ -	\$ -	15,000	\$ -	\$ -	-
GA Rate Riders	\$ 0.0039	15,000	\$ 58.50	\$ 0.0039	15,000	\$ 58.50	\$ -	0.00%
Low Voltage Service Charge	\$ 0.4007	15,000	\$ 6,010.50	\$ 0.4007	15,000	\$ 6,010.50	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders	\$ -	15,000	\$ -	\$ -	15,000	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 63,170.74			\$ 64,334.71	\$ 1,163.97	1.84%
RTSR - Network	\$ 2.0957	15,812	\$ 33,136.16	\$ 1.9245	15,812	\$ 30,429.23	\$ (2,706.93)	-8.17%
RTSR - Connection and/or Line and Transformation Connection	\$ 1.1391	15,812	\$ 18,010.88	\$ 1.0570	15,812	\$ 16,712.76	\$ (1,298.12)	-7.21%
Sub-Total C - Delivery (including Sub-Total B)			\$ 114,317.78			\$ 111,476.70	\$ (2,841.08)	-2.49%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	15,812	\$ 56.92	\$ 0.0036	15,812	\$ 56.92	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	15,812	\$ 4.74	\$ 0.0003	15,812	\$ 4.74	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
Average IESO Wholesale Market Price	\$ 0.1101	15,812	\$ 1,740.85	\$ 0.1101	15,812	\$ 1,740.85	\$ -	0.00%
Total Bill on Average IESO Wholesale Market Price			\$ 116,120.54			\$ 113,279.46	\$ (2,841.08)	-2.45%
HST		13%	\$ 15,095.67		13%	\$ 14,726.33	\$ (369.34)	-2.45%
Total Bill on Average IESO Wholesale Market Price			\$ 131,216.21			\$ 128,005.79	\$ (3,210.42)	-2.45%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption	750	kWh
Demand	-	kW
Current Loss Factor	1.0541	
Proposed/Approved Loss Factor	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.15	1	\$ 15.15	\$ 17.71	1	\$ 17.71	\$ 2.56	16.90%
Distribution Volumetric Rate	\$ 0.0027	750	\$ 2.03	\$ -	750	\$ -	\$ (2.03)	-100.00%
Fixed Rate Riders	\$ (21.10)	1	\$ (21.10)	\$ (21.10)	1	\$ (21.10)	\$ -	0.00%
Volumetric Rate Riders	-\$ 0.0001	750	\$ (0.08)	-\$ 0.0001	750	\$ (0.08)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ (4.00)			\$ (3.47)	\$ 0.54	-13.38%
Line Losses on Cost of Power	\$ 0.1101	41	\$ 4.47	\$ 0.1101	41	\$ 4.47	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0048	750	\$ (3.60)	-\$ 0.0048	750	\$ (3.60)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	750	\$ -	\$ -	750	\$ -	\$ -	-
GA Rate Riders	\$ 0.0039	750	\$ 2.93	\$ 0.0039	750	\$ 2.93	\$ -	0.00%
Low Voltage Service Charge	\$ 0.0014	750	\$ 1.05	\$ 0.0014	750	\$ 1.05	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	-
Additional Volumetric Rate Riders		750	\$ -		750	\$ -	\$ -	-
Sub-Total B - Distribution (includes Sub-Total A)			\$ 1.41			\$ 1.95	\$ 0.54	37.88%
RTSR - Network	\$ 0.0074	791	\$ 5.85	\$ 0.0068	791	\$ 5.38	\$ (0.47)	-8.11%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0041	791	\$ 3.24	\$ 0.0038	791	\$ 3.00	\$ (0.24)	-7.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 10.50			\$ 10.33	\$ (0.18)	-1.68%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	791	\$ 2.85	\$ 0.0036	791	\$ 2.85	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	791	\$ 0.24	\$ 0.0003	791	\$ 0.24	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	750	\$ 82.58	\$ 0.1101	750	\$ 82.58	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 96.16			\$ 95.99	\$ (0.18)	-0.18%
HST		13%	\$ 12.50		13%	\$ 12.48	\$ (0.02)	-0.18%
8% Rebate		8%			8%			
Total Bill on Non-RPP Avg. Price			\$ 108.66			\$ 108.46	\$ (0.20)	-0.18%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	RPP	
Consumption	313	kWh
Demand	-	kW
Current Loss Factor	1.0541	
Proposed/Approved Loss Factor	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.15	1	\$ 15.15	\$ 17.71	1	\$ 17.71	\$ 2.56	16.90%
Distribution Volumetric Rate	\$ 0.0027	313	\$ 0.85	\$ -	313	\$ -	\$ (0.85)	-100.00%
Fixed Rate Riders	\$ (21.10)	1	\$ (21.10)	\$ (21.10)	1	\$ (21.10)	\$ -	0.00%
Volumetric Rate Riders	-\$ 0.0001	313	\$ (0.03)	-\$ 0.0001	313	\$ (0.03)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ (5.14)			\$ (3.42)	\$ 1.71	-33.39%
Line Losses on Cost of Power	\$ 0.0820	17	\$ 1.39	\$ 0.0820	17	\$ 1.39	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0048	313	\$ (1.50)	-\$ 0.0048	313	\$ (1.50)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	313	\$ -	\$ -	313	\$ -	\$ -	
GA Rate Riders	\$ -	313	\$ -	\$ -	313	\$ -	\$ -	
Low Voltage Service Charge	\$ 0.0014	313	\$ 0.44	\$ 0.0014	313	\$ 0.44	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders	\$ -	313	\$ -	\$ -	313	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ (4.24)			\$ (2.53)	\$ 1.71	-40.43%
RTSR - Network	\$ 0.0074	330	\$ 2.44	\$ 0.0068	330	\$ 2.24	\$ (0.20)	-8.11%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0041	330	\$ 1.35	\$ 0.0038	330	\$ 1.25	\$ (0.10)	-7.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ (0.45)			\$ 0.97	\$ 1.42	-316.65%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	330	\$ 1.19	\$ 0.0036	330	\$ 1.19	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	330	\$ 0.10	\$ 0.0003	330	\$ 0.10	\$ -	0.00%
Standard Supply Service Charge	\$ 0.25	1	\$ 0.25	\$ 0.25	1	\$ 0.25	\$ -	0.00%
TOU - Off Peak	\$ 0.0650	203	\$ 13.22	\$ 0.0650	203	\$ 13.22	\$ -	0.00%
TOU - Mid Peak	\$ 0.0940	53	\$ 5.00	\$ 0.0940	53	\$ 5.00	\$ -	0.00%
TOU - On Peak	\$ 0.1320	56	\$ 7.44	\$ 0.1320	56	\$ 7.44	\$ -	0.00%
Total Bill on TOU (before Taxes)			\$ 26.75			\$ 28.17	\$ 1.42	5.30%
HST	13%		\$ 3.48	13%		\$ 3.66	\$ 0.18	5.30%
8% Rebate	8%		\$ (2.14)	8%		\$ (2.25)	\$ (0.11)	
Total Bill on TOU			\$ 28.09			\$ 29.58	\$ 1.49	5.30%

Customer Class:	RESIDENTIAL SERVICE CLASSIFICATION	
RPP / Non-RPP:	Non-RPP (Retailer)	
Consumption:	313	kWh
Demand:	-	kW
Current Loss Factor:	1.0541	
Proposed/Approved Loss Factor:	1.0541	

	Current OEB-Approved			Proposed			Impact	
	Rate (\$)	Volume	Charge (\$)	Rate (\$)	Volume	Charge (\$)	\$ Change	% Change
Monthly Service Charge	\$ 15.15	1	\$ 15.15	\$ 17.71	1	\$ 17.71	\$ 2.56	16.90%
Distribution Volumetric Rate	\$ 0.0027	313	\$ 0.85	\$ -	313	\$ -	\$ (0.85)	-100.00%
Fixed Rate Riders	\$ (21.10)	1	\$ (21.10)	\$ (21.10)	1	\$ (21.10)	\$ -	0.00%
Volumetric Rate Riders	-\$ 0.0001	313	\$ (0.03)	-\$ 0.0001	313	\$ (0.03)	\$ -	0.00%
Sub-Total A (excluding pass through)			\$ (5.14)			\$ (3.42)	\$ 1.71	-33.39%
Line Losses on Cost of Power	\$ 0.1101	17	\$ 1.86	\$ 0.1101	17	\$ 1.86	\$ -	0.00%
Total Deferral/Variance Account Rate Riders	-\$ 0.0048	313	\$ (1.50)	-\$ 0.0048	313	\$ (1.50)	\$ -	0.00%
CBR Class B Rate Riders	\$ -	313	\$ -	\$ -	313	\$ -	\$ -	
GA Rate Riders	\$ 0.0039	313	\$ 1.22	\$ 0.0039	313	\$ 1.22	\$ -	0.00%
Low Voltage Service Charge	\$ 0.0014	313	\$ 0.44	\$ 0.0014	313	\$ 0.44	\$ -	0.00%
Smart Meter Entity Charge (if applicable)	\$ 0.57	1	\$ 0.57	\$ 0.57	1	\$ 0.57	\$ -	0.00%
Additional Fixed Rate Riders	\$ -	1	\$ -	\$ -	1	\$ -	\$ -	
Additional Volumetric Rate Riders		313	\$ -		313	\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)			\$ (2.55)			\$ (0.83)	\$ 1.71	-67.37%
RTSR - Network	\$ 0.0074	330	\$ 2.44	\$ 0.0068	330	\$ 2.24	\$ (0.20)	-8.11%
RTSR - Connection and/or Line and Transformation Connection	\$ 0.0041	330	\$ 1.35	\$ 0.0038	330	\$ 1.25	\$ (0.10)	-7.32%
Sub-Total C - Delivery (including Sub-Total B)			\$ 1.25			\$ 2.67	\$ 1.42	113.54%
Wholesale Market Service Charge (WMSC)	\$ 0.0036	330	\$ 1.19	\$ 0.0036	330	\$ 1.19	\$ -	0.00%
Rural and Remote Rate Protection (RRRP)	\$ 0.0003	330	\$ 0.10	\$ 0.0003	330	\$ 0.10	\$ -	0.00%
Standard Supply Service Charge								
Non-RPP Retailer Avg. Price	\$ 0.1101	313	\$ 34.46	\$ 0.1101	313	\$ 34.46	\$ -	0.00%
Total Bill on Non-RPP Avg. Price			\$ 37.00			\$ 38.41	\$ 1.42	3.83%
HST		13%	\$ 4.81		13%	\$ 4.99	\$ 0.18	3.83%
8% Rebate		8%			8%			
Total Bill on Non-RPP Avg. Price			\$ 41.81			\$ 43.41	\$ 1.60	3.83%

Appendix 4 2018 RRWF



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers



Version 7.00

Utility Name	Hydro Hawkesbury Inc.
Service Territory	
Assigned EB Number	EB-2017-0048
Name and Title	Michel Poulin, General Manager
Phone Number	613-632-6689
Email Address	mpoulin@hydrohawkesbury.ca

The RRWF has been enhanced commencing with 2017 rate applications to provide estimated base distribution rates. The enhanced RRWF is not intended to replace a utility's formal rate generator model which should continue to be the source of the proposed rates as well as the final ones at the conclusion of the proceeding. The load forecasting addition made to this model is intended to be demonstrative only and does not replace the information filed in the utility's application. In an effort to minimize the incremental work required from utilities, the cost allocation and rate design additions to this model do in fact replace former appendices that were required to be filed as part of the cost of service (Chapter 2) filing requirements.

This Workbook Model is protected by copyright and is being made available to you solely for the purpose of filing your application. You may use and copy this model for that purpose, and provide a copy of this model to any person that is advising or assisting you in that regard. Except as indicated above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the express written consent of the Ontario Energy Board is prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that

prohibited. If you provide a copy of this model to a person that is advising or assisting you in preparing the application or reviewing your draft rate order, you must ensure that the person understands and agrees to the restrictions noted above.

While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

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Notes:

- (1) Pale green cells represent inputs
- (2) Pale green boxes at the bottom of each page are for additional notes
- (3) Pale yellow cells represent drop-down lists
- (4) **Please note that this model uses MACROS. Before starting, please ensure that macros have been enabled.**
- (5) **Completed versions of the Revenue Requirement Work Form are required to be filed in working Microsoft Excel format.**



Revenue Requirement Workform (RRWF) for 2017 Filers

Data Input ⁽¹⁾

	Initial Application ⁽²⁾	Adjustments	Interrogatory Responses ⁽⁶⁾	Adjustments	Per Board Decision
1 Rate Base					
Gross Fixed Assets (average)	\$7,983,667		\$ 7,983,667	(\$10,153)	\$7,973,514
Accumulated Depreciation (average)	(\$923,368) ⁽⁵⁾		(\$923,368)	(\$255)	(\$923,622)
Allowance for Working Capital:				\$0	
Controllable Expenses	\$1,210,114	\$17,768	\$ 1,227,882	(\$35,000)	\$1,192,882
Cost of Power	\$19,519,602	\$122,266	\$ 19,641,868	(\$1,122,200)	\$18,519,668
Working Capital Rate (%)	7.50% ⁽⁹⁾		7.50% ⁽⁹⁾		7.50% ⁽⁹⁾
2 Utility Income					
Operating Revenues:					
Distribution Revenue at Current Rates	\$1,611,356	(\$11,267)	\$1,600,090	\$23,558	\$1,623,647
Distribution Revenue at Proposed Rates	\$1,774,699	\$13,681	\$1,788,380	(\$28,479)	\$1,744,140
Other Revenue:					
Specific Service Charges	\$64,948	\$322	\$65,270	\$0	\$65,270
Late Payment Charges	\$29,740	\$0	\$29,740	\$0	\$29,740
Other Distribution Revenue	\$30,777	\$0	\$30,777	\$0	\$30,777
Other Income and Deductions	\$82,429	\$0	\$82,429	\$6,000	\$88,429
Total Revenue Offsets	\$207,894 ⁽⁷⁾	\$322	\$208,216	\$6,000	\$214,216
Operating Expenses:					
OM+A Expenses	\$1,210,114		\$ 1,210,114	(\$35,000)	\$1,175,114
Depreciation/Amortization	\$280,878		\$ 280,878	\$190	\$281,068
Property taxes	\$ -	\$17,768	\$ 17,768		\$17,768
Other expenses					
3 Taxes/PILs					
Taxable Income:					
Adjustments required to arrive at taxable income	(\$247,497) ⁽³⁾		(\$247,497)		(\$247,307)
Utility Income Taxes and Rates:					
Income taxes (not grossed up)	\$8,259		\$8,308		\$8,957
Income taxes (grossed up)	\$9,717		\$9,774		\$10,538
Federal tax (%)	10.50%		10.50%		10.50%
Provincial tax (%)	4.50%		4.50%		4.50%
Income Tax Credits					
4 Capitalization/Cost of Capital					
Capital Structure:					
Long-term debt Capitalization Ratio (%)	56.0%		56.0%		56.0%
Short-term debt Capitalization Ratio (%)	4.0% ⁽⁸⁾		4.0% ⁽⁸⁾		4.0% ⁽⁸⁾
Common Equity Capitalization Ratio (%)	40.0%		40.0%		40.0%
Preferred Shares Capitalization Ratio (%)					
	100.0%		100.0%		100.0%
Cost of Capital					
Long-term debt Cost Rate (%)	3.59%		3.50%		3.33%
Short-term debt Cost Rate (%)	1.76%		1.76%		2.29%
Common Equity Cost Rate (%)	8.78%		8.78%		9.00%
Preferred Shares Cost Rate (%)					

Notes:

- General** Data inputs are required on Sheets 3. Data from Sheet 3 will automatically complete calculations on sheets 4 through 9 (Rate Base through Revenue Requirement). Sheets 4 through 9 do not require any inputs except for notes that the Applicant may wish to enter to support the results. Pale green cells are available on sheets 4 through 9 to enter both footnotes beside key cells and the related text for the notes at the bottom of each sheet.
- (1) All inputs are in dollars (\$) except where inputs are individually identified as percentages (%)
 - (2) Data in column E is for Application as originally filed. For updated revenue requirement as a result of interrogatory responses, technical or settlement conferences, etc., use column M and Adjustments in column I
 - (3) Net of addbacks and deductions to arrive at taxable income.
 - (4) Average of Gross Fixed Assets at beginning and end of the Test Year
 - (5) Average of Accumulated Depreciation at the beginning and end of the Test Year. Enter as a negative amount.
 - (6) Select option from drop-down list by clicking on cell M10. This column allows for the application update reflecting the end of discovery or Argument-in-Chief. Also, the outcome of any Settlement Process can be reflected.
 - (7) Input total revenue offsets for deriving the base revenue requirement from the service revenue requirement
 - (8) 4.0% unless an Applicant has proposed or been approved for another amount.
 - (9) The default Working Capital Allowance factor is 7.5% (of Cost of Power plus controllable expenses), per the letter issued by the Board on June 3, 2015. Alternatively, a WCA factor based on lead-lag study, with supporting rationale could be provided.

Revenue Requirement Workform (RRWF) for 2017 Filers

Rate Base and Working Capital

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
1	Gross Fixed Assets (average) ⁽²⁾	\$7,983,667	\$ -	\$7,983,667	(\$10,153)	\$7,973,514
2	Accumulated Depreciation (average) ⁽²⁾	(\$923,368)	\$ -	(\$923,368)	(\$255)	(\$923,622)
3	Net Fixed Assets (average) ⁽²⁾	\$7,060,300	\$ -	\$7,060,300	(\$10,408)	\$7,049,892
4	Allowance for Working Capital ⁽¹⁾	\$1,554,729	\$10,503	\$1,565,231	(\$86,790)	\$1,478,441
5	Total Rate Base	\$8,615,028	\$10,503	\$8,625,531	(\$97,198)	\$8,528,333

(1) Allowance for Working Capital - Derivation

6	Controllable Expenses	\$1,210,114	\$17,768	\$1,227,882	(\$35,000)	\$1,192,882
7	Cost of Power	\$19,519,602	\$122,266	\$19,641,868	(\$1,122,200)	\$18,519,668
8	Working Capital Base	\$20,729,716	\$140,034	\$20,869,750	(\$1,157,200)	\$19,712,551
9	Working Capital Rate % ⁽¹⁾	7.50%	0.00%	7.50%	0.00%	7.50%
10	Working Capital Allowance	\$1,554,729	\$10,503	\$1,565,231	(\$86,790)	\$1,478,441

Notes

(1) Some Applicants may have a unique rate as a result of a lead-lag study. The default rate for 2017 cost of service applications is 7.5%, per the letter issued by the Board on June 3, 2015.

(2) Average of opening and closing balances for the year.



Revenue Requirement Workform (RRWF) for 2017 Filers

Utility Income

Line No.	Particulars	Initial Application	Adjustments	Interrogatory Responses	Adjustments	Per Board Decision
Operating Revenues:						
1	Distribution Revenue (at Proposed Rates)	\$1,774,699	\$13,681	\$1,788,380	(\$44,239)	\$1,744,140
2	Other Revenue ⁽¹⁾	\$207,894	\$322	\$208,216	\$6,000	\$214,216
3	Total Operating Revenues	\$1,982,593	\$14,003	\$1,996,596	(\$38,239)	\$1,958,356
Operating Expenses:						
4	OM+A Expenses	\$1,210,114	\$ -	\$1,210,114	(\$35,000)	\$1,175,114
5	Depreciation/Amortization	\$280,878	\$ -	\$280,878	\$190	\$281,068
6	Property taxes	\$ -	\$17,768	\$17,768	\$ -	\$17,768
7	Capital taxes	\$ -	\$ -	\$ -	\$ -	\$ -
8	Other expense	\$ -	\$ -	\$ -	\$ -	\$ -
9	Subtotal (lines 4 to 8)	\$1,490,993	\$17,768	\$1,508,761	(\$34,810)	\$1,473,951
10	Deemed Interest Expense	\$179,324	(\$4,191)	\$175,133	(\$8,284)	\$166,848
11	Total Expenses (lines 9 to 10)	\$1,670,316	\$13,577	\$1,683,893	(\$43,094)	\$1,640,799
12	Utility income before income taxes	\$312,277	\$426	\$312,702	\$4,855	\$317,557
13	Income taxes (grossed-up)	\$9,717	\$57	\$9,774	\$764	\$10,538
14	Utility net income	\$302,560	\$369	\$302,929	\$4,091	\$307,020

Notes

Other Revenues / Revenue Offsets

(1)	Specific Service Charges	\$64,948	\$322	\$65,270	\$ -	\$65,270
	Late Payment Charges	\$29,740	\$ -	\$29,740	\$ -	\$29,740
	Other Distribution Revenue	\$30,777	\$ -	\$30,777	\$ -	\$30,777
	Other Income and Deductions	\$82,429	\$ -	\$82,429	\$6,000	\$88,429
	Total Revenue Offsets	\$207,894	\$322	\$208,216	\$6,000	\$214,216



Revenue Requirement Workform (RRWF) for 2017 Filers

Taxes/PILs

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
<u>Determination of Taxable Income</u>				
1	Utility net income before taxes	\$302,560	\$302,929	\$307,020
2	Adjustments required to arrive at taxable utility income	(\$247,497)	(\$247,497)	(\$247,307)
3	Taxable income	<u>\$55,063</u>	<u>\$55,431</u>	<u>\$59,713</u>
<u>Calculation of Utility income Taxes</u>				
4	Income taxes	<u>\$8,259</u>	<u>\$8,308</u>	<u>\$8,957</u>
6	Total taxes	<u>\$8,259</u>	<u>\$8,308</u>	<u>\$8,957</u>
7	Gross-up of Income Taxes	<u>\$1,458</u>	<u>\$1,466</u>	<u>\$1,581</u>
8	Grossed-up Income Taxes	<u>\$9,717</u>	<u>\$9,774</u>	<u>\$10,538</u>
9	PILs / tax Allowance (Grossed-up Income taxes + Capital taxes)	<u>\$9,717</u>	<u>\$9,774</u>	<u>\$10,538</u>
10	Other tax Credits	\$ -	\$ -	\$ -
<u>Tax Rates</u>				
11	Federal tax (%)	10.50%	10.50%	10.50%
12	Provincial tax (%)	4.50%	4.50%	4.50%
13	Total tax rate (%)	<u>15.00%</u>	<u>15.00%</u>	<u>15.00%</u>

Notes



Revenue Requirement Workform (RRWF) for 2017 Filers

Capitalization/Cost of Capital

Line No.	Particulars	Capitalization Ratio		Cost Rate	Return
Initial Application					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$4,824,416	3.59%	\$173,259
2	Short-term Debt	4.00%	\$344,601	1.76%	\$6,065
3	Total Debt	60.00%	\$5,169,017	3.47%	\$179,324
	Equity				
4	Common Equity	40.00%	\$3,446,011	8.78%	\$302,560
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$3,446,011	8.78%	\$302,560
7	Total	100.00%	\$8,615,028	5.59%	\$481,883
Interrogatory Responses					
		(%)	(\$)	(%)	(\$)
	Debt				
1	Long-term Debt	56.00%	\$4,830,297	3.50%	\$169,060
2	Short-term Debt	4.00%	\$345,021	1.76%	\$6,072
3	Total Debt	60.00%	\$5,175,319	3.38%	\$175,133
	Equity				
4	Common Equity	40.00%	\$3,450,212	8.78%	\$302,929
5	Preferred Shares	0.00%	\$ -	0.00%	\$ -
6	Total Equity	40.00%	\$3,450,212	8.78%	\$302,929
7	Total	100.00%	\$8,625,531	5.54%	\$478,061
Per Board Decision					
		(%)	(\$)	(%)	(\$)
	Debt				
8	Long-term Debt	56.00%	\$4,775,867	3.33%	\$159,036
9	Short-term Debt	4.00%	\$341,133	2.29%	\$7,812
10	Total Debt	60.00%	\$5,117,000	3.26%	\$166,848
	Equity				
11	Common Equity	40.00%	\$3,411,333	9.00%	\$307,020
12	Preferred Shares	0.00%	\$ -	0.00%	\$ -
13	Total Equity	40.00%	\$3,411,333	9.00%	\$307,020
14	Total	100.00%	\$8,528,333	5.56%	\$473,868

Notes



Revenue Requirement Workform (RRWF) for 2017 Filers

Revenue Deficiency/Sufficiency

Line No.	Particulars	Initial Application		Interrogatory Responses		Per Board Decision	
		At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates	At Current Approved Rates	At Proposed Rates
1	Revenue Deficiency from Below		\$180,736		\$210,019		\$129,359
2	Distribution Revenue	\$1,611,356	\$1,593,963	\$1,600,090	\$1,578,361	\$1,623,647	\$1,614,781
3	Other Operating Revenue	\$207,894	\$207,894	\$208,216	\$208,216	\$214,216	\$214,216
4	Offsets - net						
4	Total Revenue	\$1,819,250	\$1,982,593	\$1,808,306	\$1,996,596	\$1,837,863	\$1,958,356
5	Operating Expenses	\$1,490,993	\$1,490,993	\$1,508,761	\$1,508,761	\$1,473,951	\$1,473,951
6	Deemed Interest Expense	\$179,324	\$179,324	\$175,133	\$175,133	\$166,848	\$166,848
8	Total Cost and Expenses	\$1,670,316	\$1,670,316	\$1,683,893	\$1,683,893	\$1,640,799	\$1,640,799
9	Utility Income Before Income Taxes	\$148,934	\$312,277	\$124,412	\$312,702	\$197,064	\$317,557
10	Tax Adjustments to Accounting Income per 2013 PILs model	(\$247,497)	(\$247,497)	(\$247,497)	(\$247,497)	(\$247,307)	(\$247,307)
11	Taxable Income	(\$98,563)	\$64,779	(\$123,085)	\$65,205	(\$50,243)	\$70,250
12	Income Tax Rate	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
13	Income Tax on Taxable Income	\$ -	\$9,717	\$ -	\$9,781	\$ -	\$10,537
14	Income Tax Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Utility Net Income	\$148,934	\$302,560	\$124,412	\$302,929	\$197,064	\$307,020
16	Utility Rate Base	\$8,615,028	\$8,615,028	\$8,625,531	\$8,625,531	\$8,528,333	\$8,528,333
17	Deemed Equity Portion of Rate Base	\$3,446,011	\$3,446,011	\$3,450,212	\$3,450,212	\$3,411,333	\$3,411,333
18	Income/(Equity Portion of Rate Base)	4.32%	8.78%	3.61%	8.78%	5.78%	9.00%
19	Target Return - Equity on Rate Base	8.78%	8.78%	8.78%	8.78%	9.00%	9.00%
20	Deficiency/Sufficiency in Return on Equity	-4.46%	0.00%	-5.17%	0.00%	-3.22%	0.00%
21	Indicated Rate of Return	3.81%	5.59%	3.47%	5.54%	4.27%	5.56%
22	Requested Rate of Return on Rate Base	5.59%	5.59%	5.54%	5.54%	5.56%	5.56%
23	Deficiency/Sufficiency in Rate of Return	-1.78%	0.00%	-2.07%	0.00%	-1.29%	0.00%
24	Target Return on Equity	\$302,560	\$302,560	\$302,929	\$302,929	\$307,020	\$307,020
25	Revenue Deficiency/(Sufficiency)	\$153,626	\$ -	\$178,516	\$ -	\$109,956	(\$0)
26	Gross Revenue Deficiency/(Sufficiency)	\$180,736 ⁽¹⁾		\$210,019 ⁽¹⁾		\$129,359 ⁽¹⁾	

Notes:

⁽¹⁾ Revenue Deficiency/Sufficiency divided by (1 - Tax Rate)



Revenue Requirement Workform (RRWF) for 2017 Filers

Revenue Requirement

Line No.	Particulars	Application	Interrogatory Responses	Per Board Decision
1	OM&A Expenses	\$1,210,114	\$1,210,114	\$1,175,114
2	Amortization/Depreciation	\$280,878	\$280,878	\$281,068
3	Property Taxes	\$ -	\$17,768	\$17,768
5	Income Taxes (Grossed up)	\$9,717	\$9,774	\$10,538
6	Other Expenses	\$ -		
7	Return			
	Deemed Interest Expense	\$179,324	\$175,133	\$166,848
	Return on Deemed Equity	\$302,560	\$302,929	\$307,020
8	Service Revenue Requirement (before Revenues)	<u>\$1,982,593</u>	<u>\$1,996,596</u>	<u>\$1,958,356</u>
9	Revenue Offsets	\$207,894	\$208,216	\$214,216
10	Base Revenue Requirement (excluding Tranformer Owership Allowance credit adjustment)	<u>\$1,774,699</u>	<u>\$1,788,380</u>	<u>\$1,744,140</u>
11	Distribution revenue	\$1,774,699	\$1,788,380	\$1,744,140
12	Other revenue	\$207,894	\$208,216	\$214,216
13	Total revenue	<u>\$1,982,593</u>	<u>\$1,996,596</u>	<u>\$1,958,356</u>
14	Difference (Total Revenue Less Distribution Revenue Requirement before Revenues)	<u>\$ -</u> ⁽¹⁾	<u>\$ -</u> ⁽¹⁾	<u>(\$0)</u> ⁽¹⁾

Summary Table of Revenue Requirement and Revenue Deficiency/Sufficiency

	Application	Interrogatory Responses	Δ% ⁽²⁾	Per Board Decision	Δ% ⁽²⁾
Service Revenue Requirement Grossed-Up Revenue Deficiency/(Sufficiency)	\$1,982,593	\$1,996,596	\$0	\$1,958,356	(\$1)
	\$180,736	\$210,019	\$0	\$129,359	(\$1)
Base Revenue Requirement (to be recovered from Distribution Rates) Revenue Deficiency/(Sufficiency) Associated with Base Revenue Requirement	\$1,774,699	\$1,788,380	\$0	\$1,744,140	(\$1)
	\$163,342	\$188,290	\$0	\$120,493	(\$1)

Notes

- (1) Line 11 - Line 8
- (2) Percentage Change Relative to Initial Application

Revenue Requirement Workform (RRWF) for 2017 Filers

Load Forecast Summary

This spreadsheet provides a summary of the customer and load forecast on which the test year revenue requirement is derived. The amounts serve as the denominators for deriving the rates to recover the test year revenue requirement for purposes of this RRWF.

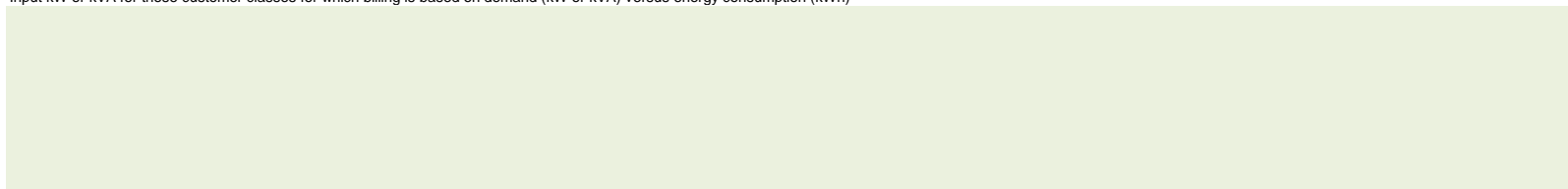
The information to be input is inclusive of any adjustments to kWh and kW to reflect the impacts of CDM programs up to and including CDM programs planned to be executed in the test year. i.e., the load forecast adjustments determined in **Appendix 2-I** should be incorporated into the entries. The inputs should correspond with the summary of the Load Forecast for the Test Year in **Appendix 2-IB** and in Exhibit 3 of the application.

Appendix 2-IB is still required to be filled out, as it also provides a year-over-year variance analysis of demand growth and trends from historical actuals to the Bridge and Test Year forecasts.

Stage in Process:		Per Board Decision					
Customer Class	Initial Application	kW/kVA ⁽¹⁾		Interrogatory Responses	kW/kVA ⁽¹⁾		Per Board Decision
Input the name of each customer class.	Customer / Connections Test Year average or mid-year	kWh Annual	kW/kVA ⁽¹⁾ Annual	Customer / Connections Test Year average or mid-year	kWh Annual	kW/kVA ⁽¹⁾ Annual	Customer / Connections Test Year average or mid-year
kWh Annual	kW/kVA ⁽¹⁾ Annual	kWh Annual	kW/kVA ⁽¹⁾ Annual	kWh Annual	kW/kVA ⁽¹⁾ Annual	kWh Annual	kW/kVA ⁽¹⁾ Annual
1	Residential	4,836	48,228,553	-	4,836	47,552,180	-
2	General Service < 50 kW	618	18,143,532	-	618	17,889,082	-
3	General Service > 50 to 4999 kW	89	81,021,489	211,046	89	79,885,218	212,831
4	Unmetered Scattered Load	10	429,307	-	10	422,721	4
5	Sentinel Lighting	57	84,029	238	57	82,740	240
6	Street Lighting	1,211	641,942	1,844	1,211	632,094	1,857
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Total		148,548,851	213,128		146,464,034	214,932	
					154,644,367	223,879	

Notes:

⁽¹⁾ Input kW or kVA for those customer classes for which billing is based on demand (kW or kVA) versus energy consumption (kWh)





Revenue Requirement Workform (RRWF) for 2017 Filers

Cost Allocation and Rate Design

This spreadsheet replaces **Appendix 2-P** and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

Stage in Application Process: *Per Board Decision*

A) Allocated Costs

Name of Customer Class ⁽³⁾	Costs Allocated from Previous Study ⁽¹⁾	%	Allocated Class Revenue Requirement ⁽¹⁾	%
<i>From Sheet 10. Load Forecast</i>				
<i>(7A)</i>				
1 Residential	\$ 935,363	58.81%	\$ 1,187,516	60.64%
2 General Service < 50 kW	\$ 227,732	14.32%	\$ 293,420	14.98%
3 General Service > 50 to 4999 kW	\$ 398,722	25.07%	\$ 443,989	22.67%
4 Unmetered Scattered Load	\$ 1,202	0.08%	\$ 3,209	0.16%
5 Sentinel Lighting	\$ 1,333	0.08%	\$ 2,306	0.12%
6 Street Lighting	\$ 26,213	1.65%	\$ 27,915	1.43%
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
Total	\$ 1,590,565	100.00%	\$ 1,958,355	100.00%

Allocated Revenue Requirement does not match Base Revenue Requirement from Sheet 9. Check data.

\$ 1,744,140.47

- (1) Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance accounts. For Embedded Distributors, Account 4750 - Low Voltage (LV) Costs are also excluded.
- (2) Host Distributors - Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.
- (3) Customer Classes - If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as possible.

B) Calculated Class Revenues

	Name of Customer Class	Load Forecast (LF) X current approved rates (7B)	LF X current approved rates X (1+d) (7C)	LF X Proposed Rates (7D)	Miscellaneous Revenues (7E)
1	Residential	\$ 947,893	\$ 1,018,238	\$ 1,017,397	\$ 150,470
2	General Service < 50 kW	\$ 223,727	\$ 240,330	\$ 241,185	\$ 49,657
3	General Service > 50 to 4999 kW	\$ 428,586	\$ 460,392	\$ 460,397	\$ 11,341
4	Unmetered Scattered Load	\$ 2,448	\$ 2,630	\$ 2,627	\$ 296
5	Sentinel Lighting	\$ 1,921	\$ 2,063	\$ 2,065	\$ 187
6	Street Lighting	\$ 19,072	\$ 20,487	\$ 20,469	\$ 2,265
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
	Total	\$ 1,623,647	\$ 1,744,140	\$ 1,744,140	\$ 214,216

- (4) In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.
- (5) Columns 7C and 7D - Column Total should equal the Base Revenue Requirement for each.
- (6) Column 7C - The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates.

(7) Column 7E - If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19,

C) Rebalancing Revenue-to-Cost Ratios

	Name of Customer Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
		Most Recent Year:	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
		2014	%	%	
1	Residential	100.00%	98.42%	98.35%	85 - 115
2	General Service < 50 kW	98.00%	98.83%	99.12%	85 - 115
3	General Service > 50 to 4999 kW	100.00%	106.25%	106.25%	80 - 120
4	Unmetered Scattered Load	70.00%	91.19%	91.10%	80 - 120
5	Sentinel Lighting	120.00%	97.58%	97.67%	80 - 120
6	Street Lighting	120.00%	81.50%	81.44%	80 - 120
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

(8) Previously Approved Revenue-to-Cost (R/C) Ratios - For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2012 with further adjustments to move within the range over two years, the Most Recent Year would be 2015. However, the ratios in 2015 would be equal to those after the adjustment in 2014.

(9) Status Quo Ratios - The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".

(10) Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.

(D) Proposed Revenue-to-Cost Ratios ⁽¹¹⁾

	Name of Customer Class	Proposed Revenue-to-Cost Ratio			Policy Range
		Test Year	Price Cap IR Period		
		2018	2019	2020	
1	Residential	98.35%	98.35%	98.35%	85 - 115
2	General Service < 50 kW	99.12%	99.12%	99.12%	85 - 115
3	General Service > 50 to 4999 kW	106.25%	106.25%	106.25%	80 - 120
4	Unmetered Scattered Load	91.10%	91.10%	91.10%	80 - 120
5	Sentinel Lighting	97.67%	97.67%	97.67%	80 - 120

6	Street Lighting	81.44%	81.44%	81.44%	80 - 120
7					80 - 120
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

(11) The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2017 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2018 and 2019 Price Cap IR models, as necessary. For 2018 and 2019, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2017 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.



Ontario Energy Board

Revenue Requirement Workform (RRWF) for 2017 Filers

New Rate Design Policy For Residential Customers

Please complete the following tables.

A Data Inputs (from Sheet 10. Load Forecast)

Test Year Billing Determinants for Residential Class	
Customers	4,836
kWh	50,454,856

Proposed Residential Class Specific Revenue Requirement ¹	\$ 1,017,397.00
--	-----------------

Residential Base Rates on Current Tariff	
Monthly Fixed Charge (\$)	11.90
Distribution Volumetric Rate (\$/kWh)	0.0051

B Current Fixed/Variable Split

	Base Rates	Billing Determinants	Revenue	% of Total Revenue
Fixed	11.9	4,836	\$ 690,573.46	72.85%
Variable	0.0051	50,454,856	\$ 257,319.77	27.15%
TOTAL	-	-	\$ 947,893.23	-

C Calculating Test Year Base Rates

Number of Remaining Rate Design Policy Transition Years ²	2
--	---

	Test Year Revenue @ Current F/V Split	Test Year Base Rates @ Current F/V Split	Reconciliation - Test Year Base Rates @ Current F/V Split
Fixed	\$ 741,209.40	12.77	\$ 741,060.77
Variable	\$ 276,187.60	0.0055	\$ 277,501.71
TOTAL	\$ 1,017,397.00	-	\$ 1,018,562.48

	New F/V Split	Revenue @ new F/V Split	Final Adjusted Base Rates	Revenue Reconciliation @ Adjusted Rates
Fixed	86.43%	\$ 879,303.20	15.15	\$ 879,175.46
Variable	13.57%	\$ 138,093.80	0.0027	\$ 136,228.11
TOTAL	-	\$ 1,017,397.00	-	\$ 1,015,403.57

Checks ³	
Change in Fixed Rate	\$ 2.38
Difference Between Revenues @ Proposed Rates and Class Specific	(\$1,993)
	-0.20%

Notes:

- ¹ The final residential class specific revenue requirement, excluding allocated Miscellaneous Revenues, as shown on Sheet 11. Cost Allocation, should be used (i.e. the revenue requirement after any proposed adjustments to R/C ratios).
- ² The distributor should enter the number of years remaining before the transition to fully fixed rates is completed. A distributor transitioning to fully fixed rates over a four year period and began the transition in 2016 would input the number "3" into cell D40. A distributor transitioning over a five-year period would input the number "4". Where the change in the residential rate design will result in the fixed charge increasing by more than \$4/year, a distributor may propose an additional transition year.
- ³ Change in fixed rate due to rate design policy should be less than \$4. The difference between the proposed class revenue requirement and the revenue at calculated base rates should be minimal (i.e. should be reasonably considered as a rounding error)

Revenue Requirement Workform (RRWF) for 2017 Filers

Rate Design and Revenue Reconciliation

This sheet replaces Appendix 2-V, and provides a simplified model for calculating the standard monthly and volumetric rates based on the allocated class revenues and fixed/variable split resulting from the cost allocation study and rate design and as proposed by the applicant. However, the RRWF does not replace the rate generator model that an applicant distributor may use in support of its application. The RRWF provides a demonstrative check on the derivation of the revenue requirement and on the proposed base distribution rates to recover the revenue requirement, based on summary information from a more detailed rate generator model and other models that applicants use for cost allocation, load forecasting, taxes/PILs, etc.

Stage in Process:		Per Board Decision			Class Allocated Revenues			Fixed / Variable Splits ²			Distribution Rates		Revenue Reconciliation				
Customer and Load Forecast					From Sheet 11, Cost Allocation and Sheet 12, Residential Rate Design			Percentage to be entered as a fraction between 0 and 1		Transformer Ownership Allowance ¹ (\$)	Monthly Service Charge		Volumetric Rate		MSC Revenues	Volumetric revenues	Distribution Revenues less Transformer Ownership
Customer Class	Volumetric Charge Determinant	Customers / Connections	kWh	kW or kVA	Total Class Revenue Requirement	Monthly Service Charge	Volumetric	Fixed	Variable		Rate	No. of decimals	Rate	No. of decimals			
1 Residential	kWh	4,836	50,454,856	-	\$ 1,017,397	\$ 879,175	\$ 138,222	86.41%	13.59%					\$ 879,175.46	\$ 136,228.1117	\$ 1,015,403.57	
2 General Service < 50 kW	kWh	618	17,883,115	-	\$ 241,185	\$ 114,641	\$ 126,544	47.53%	52.47%					\$ 114,640.36	\$ 126,970.1179	\$ 241,610.48	
3 General Service > 50 to 4999 kW	kW	89	85,142,906	221,782	\$ 460,397	\$ 107,668	\$ 352,729	23.39%	76.61%	\$ 113,523	\$100.99	\$2.1023	kW	\$ 107,667.89	\$ 466,251.8303	\$ 460,388.72	
4 Unmetered Scattered Load	kWh	10	432,358	-	\$ 2,627	\$ 817	\$ 1,810	31.12%	68.88%		\$7.11	\$0.0042	kWh	\$ 816.89	\$ 1,815.9055	\$ 2,632.80	
5 Sentinel Lighting	kW	57	84,626	240	\$ 2,065	\$ 1,130	\$ 935	54.72%	45.28%		\$1.66	\$3.8958	kW	\$ 1,130.06	\$ 934.9920	\$ 2,065.05	
6 Street Lighting	kW	1,211	646,505	1,857	\$ 20,469	\$ 8,581	\$ 11,888	41.92%	58.08%		\$0.59	\$6.4020	kW	\$ 8,576.47	\$ 11,888.3072	\$ 20,464.78	
7														\$ -	\$ -	\$ -	
8														\$ -	\$ -	\$ -	
9														\$ -	\$ -	\$ -	
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Total Transformer Ownership Allowance										\$ 113,523					Total Distribution Revenues	\$ 1,742,573.40	
												Rates recover revenue requirement		Base Revenue Requirement	\$ 1,744,140.47		
														Difference	-\$ 1,567.07		
														% Difference	-0.090%		

Notes:

¹ Transformer Ownership Allowance is entered as a positive amount, and only for those classes to which it applies.

² The Fixed/Variable split, for each customer class, drives the "rate generator" portion of this sheet of the RRWF. Only the "fixed" fraction is entered, as the sum of the "fixed" and "variable" portions must sum to 100%. For a distributor that may set the Monthly Service Charge, the "fixed" ratio is calculated as:

$$[\text{MSC} \times (\text{average number of customers or connections}) \times 12 \text{ months}] / (\text{Class Allocated Revenue Requirement})$$

Revenue Requirement Workform (RRWF) for 2017 Filers

Tracking Form

The first row shown, labelled "Original Application", summarizes key statistics based on the data inputs into the RRWF. After the original application filing, the applicant provides key changes in capital and operating expenses, load forecasts, cost of capital, etc., as revised through the processing of the application. This could be due to revisions or responses to interrogatories. The last row shown is the most current estimate of the cost of service data reflecting the original application and any updates provided by the applicant distributor (for updated evidence, responses to interrogatories, undertakings, etc.)

Please ensure a Reference (Column B) and/or Item Description (Column C) is entered. Please note that unused rows will automatically be hidden and the PRINT AREA set when the PRINT BUTTON on Sheet 1 is activated.

⁽¹⁾ Short reference to evidence material (interrogatory response, undertaking, exhibit number, Board Decision, Code, Guideline, Report of the Board, etc.)

⁽²⁾ Short description of change, issue, etc.

Summary of Proposed Changes

Reference ⁽¹⁾	Item / Description ⁽²⁾	Cost of Capital		Rate Base and Capital Expenditures			Operating Expenses			Revenue Requirement			
		Regulated Return on Capital	Regulated Rate of Return	Rate Base	Working Capital	Working Capital Allowance (\$)	Amortization / Depreciation	Taxes/PILs	OM&A	Service Revenue Requirement	Other Revenues	Base Revenue Requirement	Grossed up Revenue Deficiency / Sufficiency
	Original Application	\$ 481,883	5.59%	\$ 8,615,028	\$ 20,729,716	\$ 1,554,729	\$ 280,878	\$ 9,717	\$ 1,210,114	\$ 1,982,593	\$ 207,894	\$ 1,774,699	\$ 180,736
1 3-VECC-16	Correction of HDD/CDD formula (avg)	\$ 481,992	5.59%	\$ 8,616,977	\$ 20,755,691	\$ 1,556,677	\$ 280,878	\$ 9,729	\$ 1,210,114	\$ 1,982,714	\$ 207,894	\$ 1,774,820	\$ 179,615